

## EAST Search History

| Ref # | Hits | Search Query  | DBs              | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------|------------------|---------|------------------|
| L1    | 1    | construction adj machine and (automatic adj deceleration or lever adj lock) and set\$3 near2 target same frequency and detect \$3 same engine and (control\$3 or processor or microprocessor) same compar\$4                              | US- PGPUB; USPAT | OR               | ON      | 2009/03/01 18:19 |
| L2    | 126  | (control\$3 or computer or processor or microprocessor) same (calculat\$3 or comput \$3 or determin\$3) near frequency same ((workless or off or idle or rest) near (position or condition or state)) same (message or command or signal) | US- PGPUB; USPAT | OR               | ON      | 2009/03/01 18:21 |
| L3    | 11   | construction adj machine and automatic adj deceleration   | US- PGPUB; USPAT | OR               | ON      | 2009/03/01 19:30 |
| S1    | 1    | "20080249679".pn.   | US- PGPUB; USPAT | OR               | ON      | 2009/02/17 10:36 |
| S2    | 803  | "701".clas. and construction same machine\$2  | US- PGPUB; USPAT | OR               | ON      | 2009/02/17 11:16 |

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|----|--------|---|------------------|----|----|---------------------|
| S3 | 1      | "701".clas. and construction same machine\$2 and (set\$4 same target same frequency) and (detect \$2 same (state or condition or status or position)) and (control \$3 same (calculat\$3 or determine or comput \$5) same frequency) and (compar\$4 same frequency same target)   | US- PGPUB; USPAT | OR | ON | 2009/02/17<br>11:28 |
| S4 | 20     | construction same machine\$2 and (set\$4 same target same frequency) and (detect \$2 same (state or condition or status or position)) and (control \$3 same (calculat\$3 or determine or comput \$5) same frequency) and (compar\$4 same frequency same target)   | US- PGPUB; USPAT | OR | ON | 2009/02/17<br>11:29 |
| S5 | 17     | construction same machine\$2 and (set\$4 same target same frequency) and (detect \$2 same (state or condition or status or position)) and (control \$3 same (calculat\$3 or determine or comput \$5) same frequency) and (compar\$4 same frequency same target) and ((output or display or screen) same (message or command or data)) | US- PGPUB; USPAT | OR | ON | 2009/02/17<br>11:35 |
| S6 | 148200 | controller same regions same set mame range same target   | US- PGPUB; USPAT | OR | ON | 2009/02/17<br>14:52 |
| S7 | 110    | controller same regions same set same range same target   | US- PGPUB; USPAT | OR | ON | 2009/02/17<br>14:52 |

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| S8  | 34   | controller same regions same set same range same target same frequency  | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>14:53 |
| S9  | 1    | (control\$3 or computer or processor) same plurality near3 regions same set same range same target same frequency                               | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>14:58 |
| S10 | 723  | (control\$3 or computer or processor) same plurality near3 regions same frequency   | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>14:58 |
| S11 | 24   | (control\$3 or computer or processor) same plurality near3 regions same frequency same target   | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>14:58 |
| S12 | 71   | (control\$3 or computer or processor or microcomputer) same plurality near3 (regions or zones or areas) same frequency same target              | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>15:12 |
| S13 | 4    | (control\$3 or computer or processor or microcomputer) same plurality near3 (regions or zones or areas) same frequency same target near2 values | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>15:13 |
| S14 | 14   | (control\$3 or computer or processor or microcomputer) same plurality near3 (regions or zones or areas) same frequency same target same set     | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>15:16 |
| S15 | 49   | plurality near2 regions same set same range same state  | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>15:20 |
| S16 | 9    | plurality near2 regions same set same range same state and vehicle  | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>15:21 |
| S17 | 1066 | plurality near2 regions near2 set   | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>15:32 |

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| S18 | 43  | plurality near2 regions<br>near2 set same state                                | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>15:33 |
| S19 | 3   | plurality near2 regions<br>near2 set same state<br>and vehicle                 | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>15:35 |
| S20 | 13  | plurality near2 regions<br>near2 set same state<br>and (vehicle or<br>machine) | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>15:39 |
| S21 | 7   | (plurality or number)<br>near2 regions near2<br>set same state same<br>range   | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>15:44 |
| S22 | 6   | state near value same<br>hydraulic near oil near<br>pressure                   | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>21:12 |
| S23 | 196 | state near value same<br>engine near speed                                     | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>21:24 |
| S24 | 35  | state near value same<br>engine near speed<br>same vehicle                     | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>21:25 |
| S25 | 1   | state near value same<br>fuel near consumption<br>near rate same vehicle       | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>21:37 |
| S26 | 74  | construction near<br>machine and monitor<br>same (cab or cockpit)              | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>21:47 |
| S27 | 217 | construction near<br>machine same<br>mounted same system                       | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>22:03 |
| S28 | 1   | whole near system<br>near3 mounted near3<br>construction near<br>machine       | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>22:04 |
| S29 | 1   | whole near system<br>same mounted same<br>construction near<br>machine         | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>22:05 |
| S30 | 0   | entire near system<br>same mounted same<br>construction near<br>machine        | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>22:05 |
| S31 | 217 | system same mounted<br>same construction<br>near machine                       | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>22:06 |

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| S32 | 21  | system near3 mounted<br>near3 construction<br>near machine  | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>22:06 |
| S33 | 1   | operating near system<br>near3 mounted near3<br>construction near<br>machine  | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/17<br>22:10 |
| S34 | 4   | control near system<br>near3 mounted near3<br>construction near<br>machine  | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/18<br>10:51 |
| S35 | 6   | construction near<br>machine and<br>component same<br>(message or<br>command) same (in or<br>inside) same (out or<br>outside) same machine  | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/18<br>11:22 |
| S36 | 18  | construction near<br>machine same<br>(message or<br>command) same (in or<br>inside) same (out or<br>outside) same machine   | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/18<br>11:24 |
| S37 | 1   | "5155996".pn.   | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/19<br>09:38 |
| S38 | 356 | (control\$3 or computer<br>or processor or<br>microprocessor) same<br>(calculat\$3 or comput<br>\$3 or determin\$3)<br>near2 frequency same<br>((workless or off or<br>idle or rest) near5<br>(position or condition<br>or state)) and<br>(message or command<br>or signal) | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/02/19<br>09:44 |

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| S39 | 247 | (control\$3 or computer or processor or microprocessor) same (calculat\$3 or comput \$3 or determin\$3) near2 frequency same ((workless or off or idle or rest) near5 (position or condition or state)) same (message or command or signal)             | US- PGPUB; USPAT | OR | ON | 2009/02/19 09:45 |
| S40 | 205 | (control\$3 or computer or processor or microprocessor) same (calculat\$3 or comput \$3 or determin\$3) near2 frequency same ((workless or off or idle or rest) near2 (position or condition or state)) same (message or command or signal)             | US- PGPUB; USPAT | OR | ON | 2009/02/19 09:45 |
| S42 | 1   | (control\$3 or computer or processor or microprocessor) same (calculat\$3 or comput \$3 or determin\$3) near2 frequency same ((workless or off or idle or rest) near (position or condition or state)) same (message or command or signal) same target  | US- PGPUB; USPAT | OR | ON | 2009/02/19 09:47 |
| S43 | 2   | (control\$3 or computer or processor or microprocessor) same (calculat\$3 or comput \$3 or determin\$3) near5 frequency same ((workless or off or idle or rest) near3 (position or condition or state)) same (message or command or signal) same target | US- PGPUB; USPAT | OR | ON | 2009/02/19 09:48 |

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| S44 | 13406 | (control\$3 or computer or processor or microprocessor) and (calculat\$3 or comput \$3 or determin\$3) same frequency same ((workless or off or idle or rest) same (position or condition or state)) and (message or command or signal)    | US- PGPUB; USPAT | OR | ON | 2009/02/19 10:03 |
| S45 | 344   | (control\$3 or computer or processor or microprocessor) and (calculat\$3 or comput \$3 or determin\$3) near2 frequency same ((workless or off or idle or rest) near2 (position or condition or state)) same (message or command or signal) | US- PGPUB; USPAT | OR | ON | 2009/02/19 10:04 |
| S46 | 299   | (control\$3 or computer or processor or microprocessor) and (calculat\$3 or comput \$3 or determin\$3) near2 frequency same ((workless or off or idle or rest) near (position or condition or state)) same (message or command or signal)  | US- PGPUB; USPAT | OR | ON | 2009/02/19 10:07 |
| S47 | 34    | (control\$3 or computer or processor or microprocessor) and (calculat\$3 or comput \$3 or determin\$3) near2 frequency same ((workless or off or idle or rest) near (position or condition or state)) near3 (message or command or signal) | US- PGPUB; USPAT | OR | ON | 2009/02/19 10:07 |

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| S48 | 2  | (control\$3 or computer or processor or microprocessor) and (calculat\$3 or comput \$3 or determin\$3) near2 frequency same ((workless or off or idle or rest) near2 (position or condition or state)) same (message or command or signal) same compar \$4 same target | US- PGPUB; USPAT | OR | ON | 2009/02/19<br>10:11 |
| S49 | 9  | (control\$3 or computer or processor or microprocessor) and (calculat\$3 or comput \$3 or determin\$3) near2 frequency same ((workless or off or idle or rest) same (position or condition or state)) same (message or command or signal) same compar \$4 same target  | US- PGPUB; USPAT | OR | ON | 2009/02/19<br>10:12 |
| S50 | 15 | ((workless or off or idle or rest) same (position or condition or state)) same automatic near deceleration   | US- PGPUB; USPAT | OR | ON | 2009/02/19<br>11:05 |
| S51 | 28 | ((workless or off or idle or rest or end) same (position or condition or state)) same automatic near deceleration  | US- PGPUB; USPAT | OR | ON | 2009/02/19<br>11:33 |
| S52 | 30 | ((workless or off or idle or rest or end or interrupt\$3) same (position or condition or state)) same automatic near deceleration  | US- PGPUB; USPAT | OR | ON | 2009/02/19<br>12:38 |

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|-----|-------|--|-----------------|----|----|------------------|
| S53 | 39    | ((workless or off or idle or rest or end or interrupt\$3 or stop) same (position or condition or state)) same automatic near deceleration                                | US-PGPUB; USPAT | OR | ON | 2009/02/19 12:39 |
| S54 | 3780  | ((workless or off or idle or rest or end or interrupt\$3 or stop) same (position or condition or state)) same lever near lock  | US-PGPUB; USPAT | OR | ON | 2009/02/19 15:04 |
| S55 | 907   | ((workless or off or idle or rest or end or interrupt\$3 or stop) same (position or condition or state)) same lever near lock same engaged                               | US-PGPUB; USPAT | OR | ON | 2009/02/19 15:05 |
| S56 | 101   | ((workless or off or idle or rest or end or interrupt\$3 or stop) near (position or condition or state)) same lever near lock same engaged                               | US-PGPUB; USPAT | OR | ON | 2009/02/19 15:06 |
| S57 | 1     | ((workless or off or idle or rest or end or interrupt\$3 or stop) near (position or condition or state)) same lever near lock same engaged and construction near machine | US-PGPUB; USPAT | OR | ON | 2009/02/19 15:07 |
| S58 | 24    | ((workless or off or idle or rest or end or interrupt\$3 or stop) same (position or condition or state)) same lever near lock and construction near machine              | US-PGPUB; USPAT | OR | ON | 2009/02/19 15:07 |
| S59 | 53294 | construction same machine\$2 and ((workless or nonworking or idle or off or rest)  | US-PGPUB; USPAT | OR | ON | 2009/02/24 16:23 |

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|-----|-----|---|-----------------|----|----|------------------|
| S60 | 684 | construction near machine\$2 same (workless or nonworking or idle or off or rest) | US-PGPUB; USPAT | OR | ON | 2009/02/24 16:23 |
| S61 | 530 | construction near machine same (rest\$3 or off or nonworking or workless)         | US-PGPUB; USPAT | OR | ON | 2009/02/24 16:50 |
| S62 | 554 | construction near machine same (rest\$3 or off or nonworking or workless or idle) | US-PGPUB; USPAT | OR | ON | 2009/02/24 16:50 |
| S63 | 154 | construction near machine same (rest\$3 or nonworking or workless or idle)        | US-PGPUB; USPAT | OR | ON | 2009/02/24 16:53 |
| S64 | 1   | construction near machine same (nonworking or workless)                           | US-PGPUB; USPAT | OR | ON | 2009/02/24 16:54 |
| S65 | 6   | construction near machine and (nonworking or workless)                            | US-PGPUB; USPAT | OR | ON | 2009/02/24 16:54 |
| S66 | 290 | construction near machine and rest\$3 near position                               | US-PGPUB; USPAT | OR | ON | 2009/02/24 16:58 |
| S67 | 13  | construction near machine same rest\$3 near position                              | US-PGPUB; USPAT | OR | ON | 2009/02/24 16:58 |
| S68 | 0   | detect same workless same state   | US-PGPUB; USPAT | OR | ON | 2009/02/24 17:06 |
| S69 | 1   | detect\$3 same workless same state  | US-PGPUB; USPAT | OR | ON | 2009/02/24 17:07 |
| S70 | 1   | detect\$3 same workless same (state or position or condition)                     | US-PGPUB; USPAT | OR | ON | 2009/02/24 17:07 |
| S71 | 1   | "20030193406".pn.   | US-PGPUB; USPAT | OR | ON | 2009/02/24 17:14 |
| S72 | 1   | "5155996".pn.   | US-PGPUB; USPAT | OR | ON | 2009/03/01 17:42 |

3/1/2009 8:19:00 PM

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